

This listing of claims replaces all previous listings:

**Listing of Claims**

Claims 1 - 7. (Canceled)

Claims 8 - 9. (Canceled)

Claims 10 -14. (Canceled)

Claims 15 - 33. (Canceled)

34. (Canceled)

*DD*  
*PTT*  
*ENTR*  
*APX*  
*1/24/07*

35. (Currently Amended) An isolated transgenic tobacco plant cell comprising within its nuclear genome[[:]]

a) ~~an exogenous nucleic acid sequence operably associated with a promoter suitable for expression in tobacco cells, wherein said exogenous nucleic acid sequence encodes an *Arabidopsis thaliana* MinD polypeptide; or~~

b) an exogenous nucleic acid sequence operably associated with a promoter suitable for expression in tobacco cells, wherein said exogenous nucleic acid sequence encodes an *Arabidopsis thaliana* MinE polypeptide, wherein the tobacco plant cell comprises only one or a few large chloroplasts.

36. (Previously Presented) A tissue culture comprising the cell of Claim 35.

37. (Previously Presented) A seed comprising the cell of Claim 35.

38. (Currently Amended) The method according to Claim 35, wherein said exogenous nucleic acid sequence comprises a nucleic sequence encoding the an *Arabidopsis thaliana* MinD polypeptide set forth in comprises SEQ ID NO:11.